Claims 1-24 were pending at the time of the Office Action.

Claims 1, 15, 17-21 and 23 are amended.

Claims 2, 5, 16, and 24 are canceled.

Claims 25-27 are added.

Claims 1, 3-4, 6-15, 17-23, and 25-27 remain pending.

1. (Currently Amended)   A computer readable storage medium having computer-executable instructions, the instructions comprising:

    receiving a string in an interactive environment;

    identifying an attribution within the string that specifies a constraint for an associated construct;

    identifying the ~~a~~ construct associated with the attribution;

    saving information that correlates the attribution with the construct; and

    executing the string ~~using the saved information that correlates the attribution with the construct~~ in the interactive environment, where executing the string includes using the saved information to apply the attribution to the construct when the construct is encountered during execution.

2. (Canceled).

3. (Previously Presented)   The computer readable storage medium of claim 1, wherein the construct comprises a variable, a structure, a function, or a script.

4. (Previously Presented)   The computer readable storage medium of claim 1, wherein the information comprises metadata.

5. (Canceled).

6. (Previously Presented)   The computer readable storage medium of claim 1, wherein the string comprises a command string entered in a command line environment.

7. (Previously Presented)   The computer readable storage medium of claim 1, wherein the string comprises a portion of a script.

8. (Previously Presented)   The computer readable storage medium of claim 1, wherein identifying the attribution comprises identifying a plurality of attributions associated with the construct.

9. (Previously Presented)   The computer readable storage medium of claim 1, wherein the attribution specifies a type for the construct.

10. (Previously Presented)   The computer readable storage medium of claim 1, wherein the attribution specifies applying intellisense to the construct to auto-complete the construct.

11. (Previously Presented)   The computer readable storage medium of claim 1, wherein the attribution specifies applying a predicate directive to the string that is operative to determine whether processing of the string continues.

12. (Previously Presented)   The computer readable storage medium of claim 1, wherein the attribution specifies applying a parsing directive that is operative to direct a manner for obtaining the construct.

13. (Previously Presented)   The computer readable storage medium of claim 1, wherein the attribution specifies a data generation directive that is operative to generate a set of information that is stored in the construct.

14. (Previously Presented)   The computer readable storage medium of claim 1, wherein the attribution specifies a data validation directive that is operative to determine whether a value assigned to the construct meets a criterion specified by the attribution.

15. (Currently Amended)   A method for handling constraints specified within an interactive environment, the method comprising:

        identifying a pre-defined begin symbol and end symbol within a string entered in an interactive environment;

        identifying a constraint name between the begin symbol and the end symbol;

        identifying a construct following the end symbol;

        saving information that correlates the constraint with the construct; and

        executing the string in the interactive environment, where executing the string includes using the saved information to apply the constraint to the construct when the construct is encountered during execution.

16. (Cancelled).

17. (Currently Amended)   The method of claim 15 ~~claim 16~~, wherein the constraint comprises a predicate directive and wherein to apply ~~applying~~ the constraint comprises determining whether a condition has been met before continuing processing of the construct.

18. (Currently Amended)   The method of claim 15 ~~claim 16~~, wherein the attribution specifies applying intellisense to the construct to auto-complete the construct.

19. (Currently Amended)   The method of claim 15 ~~claim 16~~, wherein the attribution specifies applying a parsing directive that is operative to direct a manner for obtaining the construct.

20. (Currently Amended)   The method of claim 15 ~~claim 16~~, wherein the attribution specifies a data generation directive that is operative to generate a set of information that is stored in the construct.

21. (Currently Amended)   The method of claim 15 ~~claim 16~~, wherein the attribution specifies a data validation directive that is operative to determine whether a value assigned to the construct meets a criterion specified by the attribution.

22. (Original)   The method of claim 15, wherein the begin symbol comprises a left bracket and the end symbol comprises a right bracket.

23. (Currently Amended)   A system ~~the~~ that handles input parameters, the system comprising:

      ~~a~~ means for processing; and

      ~~a memory means, the memory means being allocated for a plurality of computer-executable instructions which are loaded into the memory means for execution by the means for processing, the computer-executable instructions performing a method comprising:~~

      ~~a~~ means for receiving a string into ~~an~~ a command line interactive environment;

      ~~a~~ means for identifying an attribution within the string;

      ~~a~~ means for identifying a construct associated with the attribution;

      ~~a~~ means for saving information that correlates the attribution with the construct; and

      ~~a~~ means for ~~executing the string~~ using the saved information to apply the attribution to the construct when the construct is encountered during an execution of the string in the command line interactive environment ~~that correlates the attribution with the construct~~.

24. (Canceled).

25. (New) The system of claim 23, wherein the construct comprises a variable, a structure, a function, or a script.

26. (New) The system of claim 23, wherein the information comprises metadata.

27. (New) The system of claim 23, wherein the attribution specifies applying intellisense to the construct to auto-complete the construct.